40

20

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6

Peptide number

7

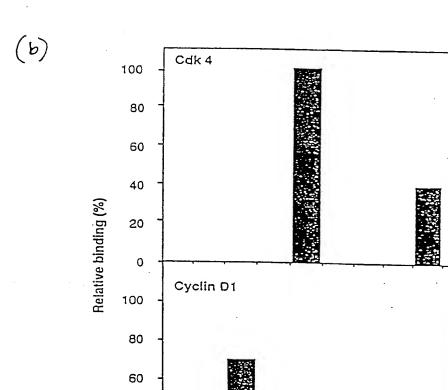
8

9

10

11

(a) QV GTGGALSPYR Peptide 1 Peptide 2. PRCWAPROGOT X S R G L G A P R M S A R E D Y G E R R S OLAREGUV O'SF DELDRETDAMY VGHEVRSLETH RPAVRRPSGDS G Q E L P L G L P K I SLAEKGTV Peptide 3. Peptide 4. Peptide 5. Peptide 6. Peptide Peptide V P R G D S R R L F S K Peptide 9. Peptide 10. Peptide 11.



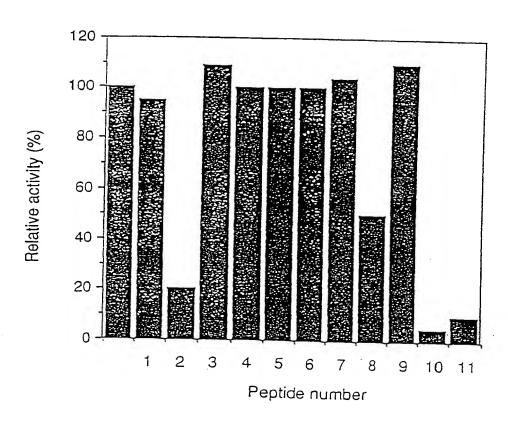
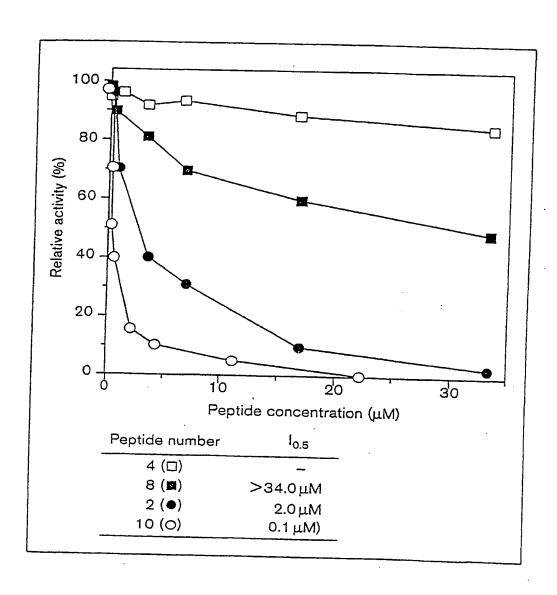


Figure 3



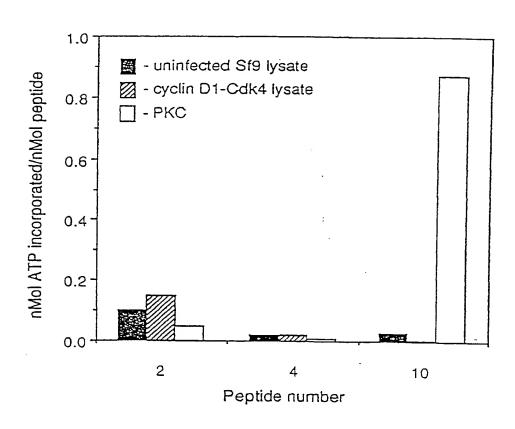


Figure 5

a-	PRSGEQAEGSPGGPGDSQGR
b-	EQAEGSPGGPGDSQGRKRRQ
c-	GSPGGPGDSQGRKRRQTSMT
· d-	GPGDSQGRKRRQTSMTDFYH
e-	SQGRKRRQTSMTDFYHSKRR
peptide 10-	KRRQTSMTDFYHSKRRLIFS
f-	ł i
g- `	TSMTDFYHSKRRLIFSKRKE
	DFYHSKRRLIFSKRKE

Figure 6

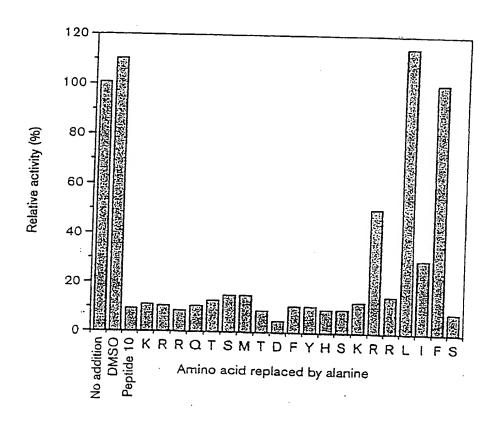


Figure 7

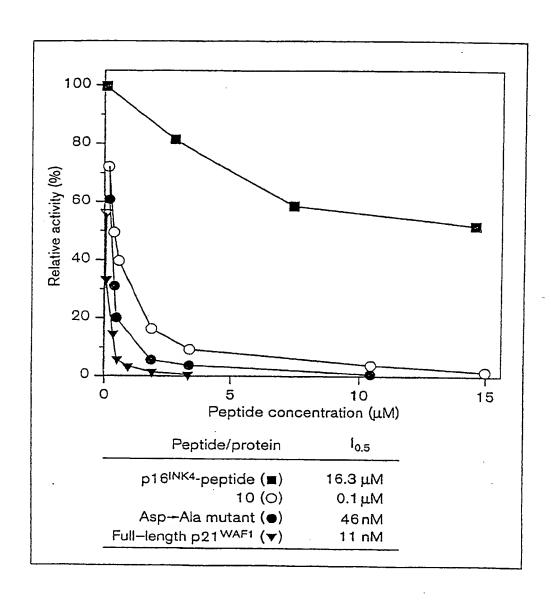
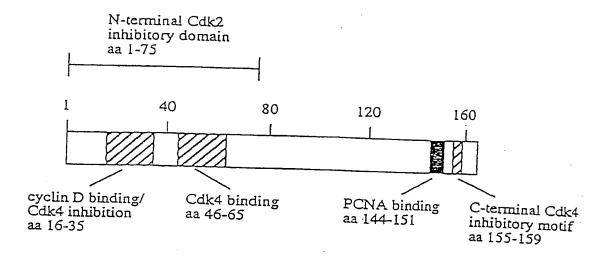
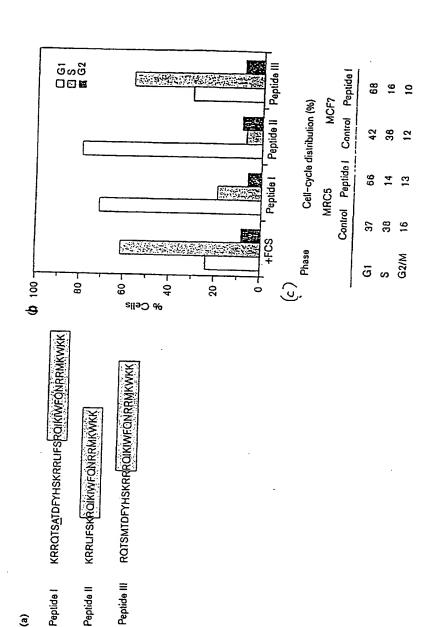


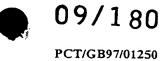
Figure 8





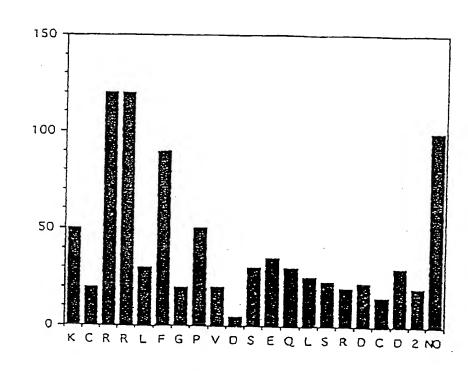
1gure

RELATIVE ACTIVITY (S)



10/10

Figure 10



MUTATED RESIDUE